

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006512**Date Inspected:** 15-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi jiang/SunWei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

BAY#2

This QA Inspector observed the following work in progress:

F.C.A.W. welding for weld joint number 087 on Segment 1AW-Seg004B. Welder is identified as 058245. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

F.C.A.W. welding for weld joint number 018 on FB009-031. Welder is identified as 045203. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the applicable WPS.

BAY#1

This QA Inspector performed Ultrasonic Testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated a UT report for this date. The member is identified as:

FB209-001-welds 005/006/009/012/015/018/021/024/049/050

BAY#3

WELDING INSPECTION REPORT

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This QA Inspector performed Ultrasonic Testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated a UT report for this date. The members are identified as:

FB020-007-welds 146/126/127

FB028-008-weld 148

FB039-003-weld 127

FB011-027-weld 043

FB028-007-weld 127

FB009-023-weld 043

FB010-025-weld 043

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Whitehead,Lonnie
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Quality Assurance Inspector

Reviewed By:	Carreon,Albert
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QA Reviewer
